Proposed Maximum Residue Limit PMRL2012-06

Ametoctradin

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Under the authority of the *Pest Control Products Act*, Health Canada's Pest Management Regulatory Agency (PMRA) has received applications to register technical grade ametoctradin and the end-use products BAS 650 00F Fungicide and Zampro Fungicide for use in Canada on various commodities.

The evaluation of these ametoctradin applications indicated that the end-use products have merit and value and the human health and environmental risks associated with its proposed uses are acceptable. Details regarding these applications can be found in Proposed Registration Decision PRD2011-25, *Ametoctradin* posted to the Health Canada website on 19 December 2011.

Before registering a pesticide for food use in Canada, the PMRA must determine the quantity of residues that are likely to remain in or on the food when the pesticide is used according to label directions and that such residues will not be a concern to human health. This quantity is then legally established as a maximum residue limit (MRL). An MRL applies to the identified raw agricultural food commodity as well as to any processed food product that contains it, except where separate MRLs are specified for the raw agricultural commodity and a processed product made from it.

Consultation on the proposed MRLs for ametoctradin was conducted domestically via PRD2011-25. Information regarding the proposed MRLs was found in Sections 3.5.4 and 7.1 and Appendix II addressed the international situation and trade implications. Field trial residue data supporting the proposed MRLs were provided in Appendix I, Table 5.

To comply with Canada's international trade obligations, consultation on the proposed MRLs is also being conducted internationally by notifying the World Trade Organization, as coordinated by the Standards Council of Canada.

The proposed MRLs for ametoctradin in Canada in or on food are as follows.

Table 1 Proposed Maximum Residue Limits for Ametoctradin.

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Ametoctradin	5-ethyl-6-octyl[1,2,4]triazolo[1,5-*a*]pyrimidin-7-amine	50	Leafy Brassica greens (Crop Subgroup 5B); spinach
		40	Leafy vegetables, except Brassica (Crop Group 4, except spinach)
		20	Green onions (Crop Subgroup 3-07B)
		10	Hops
		9.0	Head and stem Brassica (Crop Subgroup 5A)
		8.0	Raisins
		4.0	Small fruit vine climbing, except fuzzy kiwifruit (Crop Subgroup 13-07F)
		3.0	Cucurbit vegetables (Crop Group 9)
		1.5	Bulb onions (Crop Subgroup 3-07A); fruiting vegetables (Crop Group 8-09)
		0.05	Tuberous and corm vegetables (Crop Subgroup 1C)
	5-ethyl-6-octyl[1,2,4]triazolo[1,5-*a*]pyrimidin-7-amine, including the metabolite 7-amino-5-ethyl-[1,2,4]triazolo[1,5-*a*]pyrimidine-6-hexanoic acid	0.02	Eggs; fat, meat and meat byproducts of cattle, goats, hogs, horses, poultry and sheep; milk

MRLs are proposed for each commodity included in the listed crop groupings in accordance with the Residue Chemistry Crop Groups webpage in the Pesticides and Pest Management section of Health Canada's website.

A complete list of all pesticide MRLs established in Canada can be found on the Maximum Residue Limits for Pesticides webpage in the Pesticides and Pest Management section of Health Canada's website.

International Situation and Trade Implications

Ametoctradin is a new active ingredient which is concurrently being registered in Canada and the United States. The proposed MRLs for ametoctradin in Canada are the same as corresponding tolerances to be promulgated in the United States. Once established, the American tolerances for ametoctradin will be listed in the Electronic Code of Federal Regulations, 40 CFR Part 180.

Currently, there are no Codex MRLs[1] listed for ametoctradin in or on any commodity on the Codex Alimentarius Pesticide Residues in Food and Feed webpage.

[1] The Codex Alimentarius Commission is an international organization under the auspices of the United Nations that develops international food standards, including MRLs.